Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 08 Jul 2022 until 23:59 on Saturday 09 Jul 2022

Forecast Issued on Thursday 07 Jul 2022 at 14:46

Confidence: High confidence in warm weather and generally settled conditions. Low confidence in extent of low cloud formation overnight.

Headline for Friday 08 Jul 2022: A bright and sunny day once early morning low cloud clears.

Mountain weather hazards on Friday 08 Jul 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG					
Dull	Fog	Fog	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
10%	10%	10%	00%	00%	00%	00%	10%

Forecast for Friday 08 Jul 2022

Weather: Extensive low cloud forming across western facing slopes in the early hours of the morning with very poor visibilities. This cloud then lifting shortly after dawn then dissipating in the morning sunshine. Fair weather cloud will develop late morning with cloud bases above the summits, and persist through the afternoon. Staying dry with the best of any sunshine to the east of the park. Feeling warm in the valleys but cooler over summits with a fresh westerly breeze.

Chance of cloud-free hill tops above 600m: 40% increasing to 100% by mid-morning.

Low cloud and visibility: Very poor across the western half of the park with low cloud base 300m covering summits, improving to good by mid-morning. Visibility may deteriorate again late evening as low cloud reforms.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 08 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 W	12/16 W	13/17 W	15/21 W	18/24 W	17/24 W	16/22 NW	14/20 W	16/22 W
300	10/14 W	9/14 W	10/14 NW	12/17 NW	14/20 W	14/20 W	13/19 NW	11/16 NW	12/19 NW
Valley	6/14 W	6/13 W	8/14 NW	10/17 NW	12/20 W	12/21 W	11/19 NW	8/15 W	8/17 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/8	10/8	12/9	14/11	14/11	13/10	11/9	11/8
300	13/12	12/11	12/11	14/12	16/14	17/14	16/14	14/12	13/11
Valley	14/13	13/12	13/12	16/14	18/16	18/16	17/15	15/13	14/12
Freezing Level*	3100m	2600m	2400m	2500m	2600m	2800m	2900m	2800m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Challenging conditions very early in the morning under extensive low cloud, but once this clears it will be a fine day, particularly in the east. Strong sunlight is expected and UV protection advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 07 Jul 2022	2.8mm	6mm	6.8mm

Forecast for Saturday 09 Jul 2022

Weather: Cloudy in the early hours, possibly covering western summits, but clearing shortly after dawn to leave a largely sunny day. Some scattered cloud may form during the afternoon but staying dry and feeling warm with very strong sunshine.

Maximum wind: North-westerly 15-20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 40% increasing to 100% by early to mid-morning.

Low cloud and visibility: Very poor visibility across western slopes in the early hours with cloud base around 400-500m, quickly improving to good for the remainder of the day.

Temperature: **Valleys:** Plus 10 Celsius increasing to 18 Celsius
At 600m: Plus 12 Celsius
Freezing level: Above summits.

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